

### **REMARKS**

Reconsideration of this Application is respectfully requested. In response to the Office Action mailed September 9, 2005 Applicants have amended claims 1, 4, 7, 8, 21, and 23, and added claims 24-26. Claims 1-26 are pending.

Based on the above Amendment and the following Remarks, Applicants respectfully request that the Examiner reconsider and withdraw all outstanding objections.

#### **Personal Interview**

Applicants wish to thank Examiner Lau for the courtesies extended during the personal interview conducted November 21, 2005. Agreement was reached that U.S. Patent No. 6,405,135 to Adriany (hereinafter Adriany) does not teach moveable sensors. Agreement was also reached that Adriany does not teach geo-referencing in three non-temporal dimensions. Based on the interview, Applicants are submitting this amendment along with a request for continued examination (RCE) to amend the claims.

#### **Rejections under 35 U.S.C. § 102**

On pages 2-6, the Action rejects claims 1-23 under 35 U.S.C. § 102(a) as being anticipated by Adriany.

(A) Claim 1 has been amended to recite: “A method for end-to-end environmental data acquisition and delivery comprising the steps of: a) acquiring a first set of environmental subsurface data in a first location via **moveable direct reading sensors**, wherein said environmental subsurface comprises an area beneath at least one of a surface of earth, and/or a surface of a body of water, and wherein said moveable direct reading sensors are placed in said environmental subsurface and said moveable direct reading sensors are in direct contact with at least one of soil, water, and/or vapor; b) geo-referencing said data; c) transmitting said data to a data analysis application server; d) analyzing said data to obtain information about said data; and e) using said information to select a next location for acquiring next data from said moveable direct reading sensors.” (Emphasis added.)

Claim 1 includes the claim element “moveable direct reading sensors” as agreed upon during the interview that Adriany does not teach. Accordingly, claim 1 is allowable over the prior art of record and allowance thereof is respectfully requested.

Claims 2-20 and 24, which depend from claim 1, are also in condition for allowance because of their dependence on an allowable claim.

(B) Claim 21 has been amended to recite: “A method for end-to-end environmental data acquisition and delivery comprising the steps of: a) acquiring environmental subsurface data at a location via **moveable direct reading sensors**, wherein said environmental subsurface comprises an area beneath at least one of a surface of earth, and/or a surface of a body of water; b) geo-referencing said data in at least **three non-temporal dimensions**, wherein said geo-referencing comprises associating said environmental subsurface data with said location; and c) transmitting said data to a data analysis application server adapted to analyze said data to obtain information about said data.” (Emphasis added.)

Claim 21 includes the claim elements “moveable direct reading sensors” and “geo-referencing said data in at least three non-temporal dimensions,” as agreed upon during the interview that Adriany does not teach. Accordingly, claim 21 is allowable over the prior art of record and allowance thereof is respectfully requested.

Claims 22 and 25, which depend from claim 21, is also in condition for allowance because of its dependence on an allowable claim.

(C) Claim 23 has been amended to recite: “A method for environmental subsurface data acquisition and analysis comprising: receiving environmental subsurface data acquired at a location via **moveable direct reading sensors**, wherein said environmental subsurface comprises an area beneath at least one of a surface of earth, and/or a surface of a body of water, and wherein said moveable direct reading sensors are placed in said environmental subsurface and said moveable direct reading sensors are in direct contact with at least one of soil, water, and/or vapor; receiving said location; geo-referencing said data by said location in at least **three non-temporal dimensions**; and analyzing said data to obtain information.” (Emphasis added.)

Claim 23 includes the claim elements “moveable direct reading sensors” and “geo-referencing said data by said location in at least three non-temporal dimensions,” as agreed upon during the interview that Adriany does not teach. Accordingly, claim 23 is allowable over the prior art of record and allowance thereof is respectfully requested.

Claim 26, which depends from claim 23, is also in condition for allowance because of its dependence on an allowable claim.

Therefore, claims 1-26 are in condition for allowance and allowance thereof is respectfully requested.

### **Conclusion**

All of the stated grounds of objection and rejection have been properly traversed, accommodated, or rendered moot. Applicants therefore respectfully request that the Examiner reconsider all presently outstanding objections and rejections and that they be withdrawn. Applicants believe that a full and complete reply has been made to the outstanding Office Action and, as such, the present application is in condition for allowance. If the Examiner believes, for any reason, that personal communication will expedite prosecution of this application, the Examiner is hereby invited to telephone the undersigned at the number provided.

Prompt and favorable consideration of this Amendment is respectfully requested.

Dated:

Respectfully submitted,

By 

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